GSE Intégration

# GSE IN-ROOF SYSTEM™

BIPV SYSTEM FOR ALL PHOTOVOLTAIC MODULES

RANGE 2022

## QUICK, AESTHETIC, LIGHTWEIGHT, WATERPROOF AND COST-COMPETITIVE

MADE IN FRANCE

www.gseintegration.com

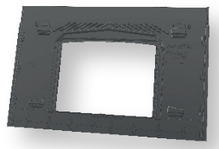
# The GSE **IN-ROOF SYSTEM** range is expanding

## MODULES UP TO 400 Wp 2012 AND 2020 RANGE

### PORTRAIT:

**19 available references***
**Module length:** 1535 to 1780 mm
**Module width:** 803 to 1055 mm

### LANDSCAPE:



**21 available references***
**Module length:** 1554 to 1740 mm
**Module width:** 768 to 1120 mm

* Detailed list available on our website: www.gseintegration.com

## MODULES UP TO 600 Wp 2022 RANGE

### UP TO 450 Wp:

**21 available references***
**Module length:** 1610 to 1990 mm
**Module width:** 990 to 1160 mm

### UP TO 600 Wp:

Coming early 2023,
new portrait frames for XL PV modules!

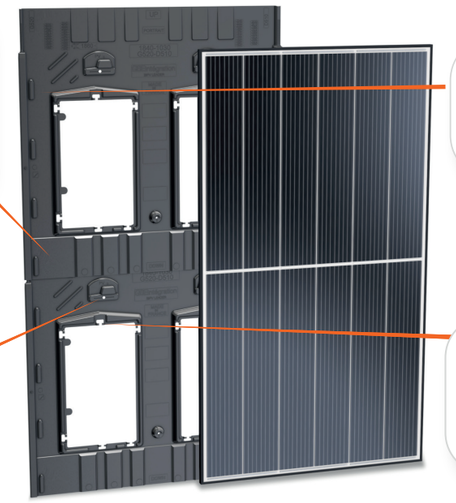
## BENEFITS

- Economic: the most competitive system for roof renovations and new constructions
- Easy to install: 10 to 16 panels installed in 6 hours
- Flexible: achieve any desired configuration type (U-Shape, pyramid, etc...)
- Lightweight and space-saving: 58 frames per pallet

## PRODUCT CERTIFIED IN MANY COUNTRIES

- Resistance to fire
- Completely waterproof: ensures complete watertightness of the PV system and the roof
- Optimal ventilation
- Impact resistance
- Very important mechanical resistance:
  Downward pressure: 5400 Pa (IEC 61215)
  Upward pressure: up to 5500 Pa (NF EN 12179)
  Eurocode design values: Snow: 1800 Pa, Wind: 1700 Pa

## NEW: EVEN EASIER TO INSTALL



Integration of all new PV modules generations. Until 150 mm of height adjustment possible

Simplified clamps installation: position indication

Pre-drilled fixing points

Optimized cable passaged for all junction boxes

## TECHNICAL SPECIFICATIONS

**All types**
Roof covering

**Slope**
12° to 60°

**Weight**
2.8 to 3.7 kg/m²

**Temperature range**
-30°C to 100°C

**Material**
PP - Aluminium - Stainless steel
(100% Recyclable)

## LIABILITY INSURANCE TRADING AND PRODUCT CHUBB®

## CERTIFICATIONS

- Universel kit: ALPES CONTROLE: ETN A27T2109 Many modules approved (list available on our website)
- Avis Technique n°21/16-57_V5 7
  GSE Intégration "Toit Solaire" V. TS-2, A-2 et TN-1

BBA: MCS 012 certificte no. "MCS BBA 0156" -
compatible with more than 30 PV panels - maximum wind load: 2.71 kN/m²

- System Performance Assessment (certification in progress)
- DIBt: Allgemeine bauaufsichtlichen Zulassung no. Z-14.4-817 (certification in progress)

## FIRE TESTS EXPOSURE

- BRoof T1
- BRoof T2
- BRoof T3
- BRoof T4

GSE Intégration

OUR TIME-SAVING TOOLS

### CALCULATOR

Allows you to find out which GSE IN-ROOF SYSTEM plate is compatible with your panel and to dermine the overall size of the final PV field in just a few clicks.

### CONFIGURATOR

Allows you to establish a list of materials needed for your GSE IN-ROOF SYSTEM installation.

### INSTALLATION MANUALS AND GUIDES

Find these tools here:

A DEDICATED CONTACT PERSON FOR EACH REQUEST

A battening plan or a technical question? technical.support@gseintegration.fr
Any other request? contact@gseintegration.fr

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